Form PTO-1449 INFORMATION DISCLOSURE STATEMENT

Attorney Docket: PF454

Application No:

09/006,352

Applicant: Gentz et al

Group: 1634

| | | | U.S. PA | TENT DOCUMENTS | | | | |
|------------------------|--------------|--------------------|-----------|-------------------|---|-------|--------------|-------------|
| Examiner's Initials | | Document Number | Date | Name | | Class | Sub Class | Filing Date |
| EM | AA | 5,741,667 | 4-21-1998 | Goeddel and Rothe | | | | 5-22-1995 |
| CAT. | AB | 5,885,800 | 3-23-1999 | Emery et al. | | | | 2-04-1997 |
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FOREIGN PATENT DOCUMENTS

| Examiner's Initials | Document Number | Date | Name | Class | Sub Class | Translation |
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| | | NON-PATENT DOCUMENTS |
|------------------------|---|--|
| Examiner's Initials | | (including Author, Title, Date, Pertinent Pages, etc.) |
| EN | AC | EMBL Database Accession Number W67560 (10/16/1996) |
| FAR | AD | EMBL Database Accession Number M91489 (10/29/1992) |
| FIN | AE | Gieser and Swaroop, Genomics 13(3):873-876 (7/92) |
| EA | AF | Hillier et al., Genome Research 6:807-828 (1996) |
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| | | | | | L_ | Filing Date | | January 13 | 3, 1998 | | |
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| | | | | | <u> </u> | Examiner Nam | е | Bekerleg, | A. | | |
| Sheet | | | 1 of | Ι | 2 | Attorney Docke | et Number | PF454 | | | |
| | | | | | U.S. 1 | PATENT DOC | UMENTS | | | _ | |
| | - | | U.S. Patent Document | | 1 | | Date of Pr | ublication | Pages, Columns, Lines, Wi | here | |
| Examiner | Cite | | | Kind | Name of Patentee or | | of Cited I | Document | Relevant Passages or Rele- | | |
| Initials | No. | | Code ² Number (if kr | own) | Cited Docu | ment | MM-D | D-YY | Figures Appear | | |
| EN | AG | | 5,632,994 | T | REED ET | AL. | 05-2 | 7-97 | | | |
| PNA | · AH | | 5,874,546 | | NAGATA E | | 02-2 | | | | |
| 504 | Al | | 5,652,210 | | BARR ET | | 07-2 | | | | |
| - 3/4 - 3/4 | AJ | - | 5,663,070 | | BARR ET | A1. | 09-0 | 2-97 | | | |
| SA | AK | | 5,620,889 | | LYNCH ET | | 04-1 | | | | |
| 214 | AL | | 5.830.469 | | LYNCH E | | 11-0 | | | | |
| | | | | | FORFIC | SN PATENT DO | CUMENT | rc | | | |
| | | | Foreign Patent Docume | 3† | FOREIC | NIAIENI D | | ublication | Pages, Columns, Lines, | T | |
| Examiner | Cite No. | | | Kind | Name of Patentee or Cited Docu | Applicant of | of Cited I | Document | Where Relevant Passages | | |
| Initials | NO. | Office | Code ⁵ 3 Number4 (if kr | nown) | Cited Docu | ment | MM-DD-YY | | or Relevant Figures Appear | T ⁶ | |
| EA. | AM | | EP 0 861 850 | | SMITHKLINE I | | 09-0 | 2-98 | | | |
| 344 | | | WO99/14330 | ├ | CORPORA GENENTEC | | 02.2 | 5-99 | | +- | |
| g_{Π} | AN | | | | | | | | | ╂ | |
| EM | AO AP | | WO00/01817 WO99/07738 | | SCHERING COR REGENE | | | 3-00 8-99 | <u> </u> | ╄ | |
| 814 | Ar | | W U77/0//38 | | PHAMACEUTIC | | 02-1 | O-77 | | | |
| ENA | AQ | | WO99/04001 | | ZYMOGENET | ICS, INC. | | 8-99 | | T | |
| EA | AR | | WO99/26977 | | Blogen, | | | 4-98 | | | |
| EX | AS | | WO99/46376 | | BASI AKTIENGESEL | | 09-1 | 6-99 | abstract | | |
| EA | ΑТ | | WO98/56892 | | HUMAN GE SCIENCES | ENOME | 12-1 | 7-98 | 2 | T | |
| EA | ΑÜ | | WO99/33980 | | CHIRON CORP | | 07-0 | 8-99 | | Т | |
| DA | AV | | WO99/11791 | | UNIVERSI' WASHING | TY OF | 03-1 | 1-99 | | T | |
| EA | AW | | WO99/31128 | | INCYT | E | 06-2 | 4-99 | | T | |

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WO99/50413

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Unique citation designation number. See attached Kinds of U.S. Patent Documents. Enter Office that issued the document, by the two-letter code (WIP Standard ST.3). Springly patent document, the indication of the year of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-96)

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| INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (use as many sheets as necessary) | | | | |
| • | Application Number | 09/006,352 | | |
| | . Filing Date | January 13, 1998 | | |
| <i>;</i> | First Named Inventor | Gentz et al. | | |
| • | Group Art Unit | 1632 | | |
| • | Examiner Name | Beckerleg, A. | | |
| Sheet 2 of 2 | Attorney Docket Number | PF454 | | |

| | | OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS | |
|----------------------|-------------|---|----------------|
| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
| ENA | AY | PITT1 et al., Nature, 396:699-703 (12-17-98) | |
| EM | AZ | RABINOWICH et al., "Lymphocyte Apoptosis Induced by Fas Ligand-expressing Ovarian Carcinoma Cells," J. Clin. Invest. 101(11):2579-2588 (06-98) | |
| EM | BA | WALKER et al., "Tumor expression of Fas ligand (CD95L) and the consequences," Current Opinion in Immunology 10:564-572 (1998) | |
| EA | ВВ | GRATAS, et al., "Up-Regulation of Fas (APO-1/CD95) Ligand and Down-Regulation of Fas Expression in Human Esophageal Cancer," Cancer Research 58:2057-2062 (05-15-98) | |

| | LExp | ression in Human Esop | onagear Cancer, Cancer Research 38.2037-2002 (03-13-98) |
|----------|--------|-----------------------|---|
| Examiner | Eileen | B. O Home | Date Considered 5/23/02 |

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| Substitute f | or form 1449/PTO | | | Complete if Known | | | | |
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| IN | FORMATION DI | SCL | OSURE | Application Number | 09/006,352 | | | |
| CT | ATEMENT BY A | DDI | CANT | Filing Date | Jan 13, 1998 | | | |
| 91 | ALEMENT DI A | IFFL: | CANI | First Named Inventor | Gentz, et al. | | | |
| | | | | Group Art Unit | 1646 | | | |
| | (use as many sheets as | s neces | sary) | Examiner Name | O'Hara, Eileen | | | |
| Sheet | 1 | of | 1 | Attorney Docket Number | PF454 | | | |

| | | | | U.S. PATENT DOCUMENTS | | |
|-----|-------|----------------------|----------------|-------------------------------|---------------------------------|--|
| | Cite | U.S. Patent Documen | t | Name of Patentee or Applicant | Date of Publication | Pages, Columns, Lines, Where Relevant |
| | No. 1 | Kind Number (if k | Code² nown) | of Cited Document | of Cited Document MM-DD-YYYY | Passages or Relevant Figures Appear |
| | BC | 09/912,293 | | ROSEN ET AL. | NOT | pages 1-75 (pages 1 |
| EA | | | | | PUBLISHED | & 2 partially |
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| | | | | | | portion of Table 2; |
| | | | | | | and SEQ ID NOS: |
| | | | | | | 29783 and 63238 |
| ENA | BD | 6,297,367 | | TRIBOULEY | 10-02-2001 | |
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|-------------------------|---------------------|-------------------------|------------------------|-------------------|-------------------------------|--|--|--------------|
| Examiner Cite No. 1 | | Foreign Patent Document | | | Name of Patentee or Applicant | Date of Publication of Cited Document | Pages, Columns, Lines, Where Relevant | |
| | Office ³ | Number ⁴ | Kind Code (if known | of Cited Document | MM-DD-YYYY | Passages or Relevant Figures Appear | <u></u> | |
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| | | OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS | |
|----------------------|---------------|---|----|
| Examiner Initials | Cite No. 1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Т6 |
| EA | | ADAMS et al., Initial assessment of human gene diversity and expression patterns based upon 83 million nucleotides of cDNA sequence. <i>Nature</i> 377 (6547 Suppl):3-174 (1995) | |
| COV | BF | ADAMS et al., Genbank Accession Number AA325843 (04-20-1997) | П |
| EM | BG | HILLIER et al., Genbank Accession Number AA025672 (02-01-1997) | |
| EM | ВН | Zhang et al., Modulation of T-cell responses to alloantigens by TR6/DcR3. <i>J. Clin Invest.</i> 107:1459-1468. | |
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| | | Examiner Signature | BODONA | Date Considered | 5/23/02 |
|--|--|--------------------|--------|--------------------|---------|
|--|--|--------------------|--------|--------------------|---------|

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